

Patent Abstracts of Japan

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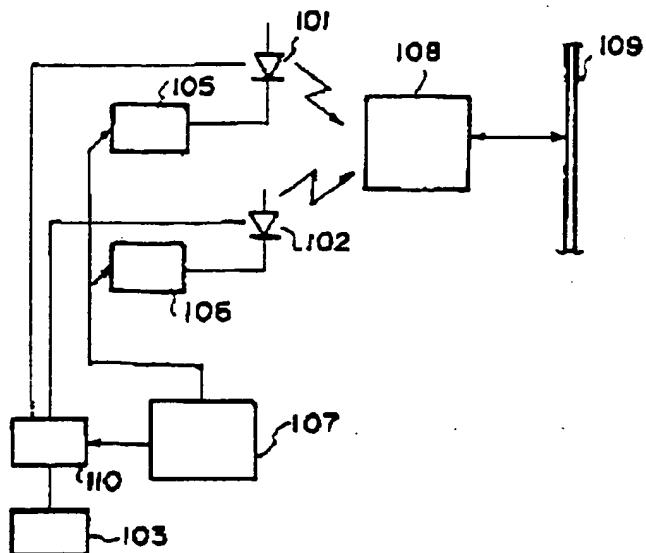
APPLICATION DATE : 15-05-92
APPLICATION NUMBER : 04148081

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TITLE : MAGNETO-OPTICAL RECORDING
AND REPRODUCING DEVICE



ABSTRACT : PURPOSE: To miniaturize a device, to achieve a high-speed operation, to stabilize a high frequency oscillation, and to obtain reliable information reproducing signal by limiting the oscillating source of a high frequency current to one, and switching oscillation output so that the output may be impressed on two semiconductor lasers.

CONSTITUTION: At the time of reproducing data on a recording medium, the output from a high frequency oscillation circuit 103 is impressed on the semiconductor laser 101 through a switching means 110. Information is reproduced from the recording medium 109 by the output from the laser 101. At the time of recording the data, the output from the circuit 103 is impressed on the semiconductor laser 102 through the means 110 under the control of a controller 107. The information is written on the medium 109 by the output from the laser 102. As a result, the device is miniaturized and the high speed operation is achieved while keeping the noise decreasing effect of the semiconductor laser.

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